

TECH CENTER 1600/2900

NOV 09 2001

RECEIVED

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/539,032DATE: 10/10/2001  
TIME: 10:36:07Input Set : A:\07064-010001.TXT  
Output Set: N:\CRF3\10102001\I539032.raw

ENTERED

4 <110> APPLICANT: Brahmachari, Samir Kumar  
5 Dash, Debasis  
7 <120> TITLE OF INVENTION: A COMPUTER BASED METHOD FOR IDENTIFYING  
8 PEPTIDES USEFUL AS DRUG TARGETS  
11 <130> FILE REFERENCE: 07064-010001  
13 <140> CURRENT APPLICATION NUMBER: 09/539,032  
14 <141> CURRENT FILING DATE: 2000-03-30  
16 <160> NUMBER OF SEQ ID NOS: 69  
18 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
20 <210> SEQ ID NO: 1  
21 <211> LENGTH: 13  
22 <212> TYPE: PRT  
23 <213> ORGANISM: Mycoplasma pneumoniae  
25 <400> SEQUENCE: 1  
26 Ala Ala Gln Ser Ile Gly Glu Pro Gly Thr Gln Leu Thr  
27 1 5 10  
29 <210> SEQ ID NO: 2  
30 <211> LENGTH: 9  
31 <212> TYPE: PRT  
32 <213> ORGANISM: Mycoplasma pneumoniae  
34 <400> SEQUENCE: 2  
35 Ala Gly Asp Gly Thr Thr Thr Ala Thr  
36 1 5  
38 <210> SEQ ID NO: 3  
39 <211> LENGTH: 8  
40 <212> TYPE: PRT  
41 <213> ORGANISM: Mycoplasma pneumoniae  
43 <400> SEQUENCE: 3  
44 Ala Gly Arg His Gly Asn Lys Gly  
45 1 5  
47 <210> SEQ ID NO: 4  
48 <211> LENGTH: 10  
49 <212> TYPE: PRT  
50 <213> ORGANISM: Mycoplasma pneumoniae  
52 <400> SEQUENCE: 4  
53 Ala His Ile Asp Ala Gly Lys Thr Thr Thr  
54 1 5 10  
56 <210> SEQ ID NO: 5  
57 <211> LENGTH: 8  
58 <212> TYPE: PRT  
59 <213> ORGANISM: Mycoplasma pneumoniae  
61 <400> SEQUENCE: 5  
62 Cys Pro Ile Glu Thr Pro Glu Gly  
63 1 5  
65 <210> SEQ ID NO: 6  
66 <211> LENGTH: 8  
67 <212> TYPE: PRT

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68 <213> ORGANISM: Mycoplasma pneumoniae  
70 <400> SEQUENCE: 6  
71 Asp Glu Pro Ser Ile Gly Leu His  
72 1 5  
74 <210> SEQ ID NO: 7  
75 <211> LENGTH: 8  
76 <212> TYPE: PRT  
77 <213> ORGANISM: Mycoplasma pneumoniae  
79 <400> SEQUENCE: 7  
80 Asp Glu Pro Thr Ser Ala Leu Asp  
81 1 5  
83 <210> SEQ ID NO: 8  
84 <211> LENGTH: 10  
85 <212> TYPE: PRT  
86 <213> ORGANISM: Mycoplasma pneumoniae  
88 <400> SEQUENCE: 8  
89 Asp Glu Pro Thr Thr Ala Leu Asp Val Thr  
90 1 5 10  
92 <210> SEQ ID NO: 9  
93 <211> LENGTH: 8  
94 <212> TYPE: PRT  
95 <213> ORGANISM: Mycoplasma pneumoniae  
97 <400> SEQUENCE: 9  
98 Asp His Ala Gly Ile Ala Thr Gln  
99 1 5  
101 <210> SEQ ID NO: 10  
102 <211> LENGTH: 9  
103 <212> TYPE: PRT  
104 <213> ORGANISM: Mycoplasma pneumoniae  
106 <400> SEQUENCE: 10  
107 Asp His Pro His Gly Gly Gly Glu Gly  
108 1 5  
110 <210> SEQ ID NO: 11  
111 <211> LENGTH: 8  
112 <212> TYPE: PRT  
113 <213> ORGANISM: Mycoplasma pneumoniae  
115 <400> SEQUENCE: 11  
116 Asp Leu Gly Gly Gly Thr Phe Asp  
117 1 5  
119 <210> SEQ ID NO: 12  
120 <211> LENGTH: 9  
121 <212> TYPE: PRT  
122 <213> ORGANISM: Mycoplasma pneumoniae  
124 <400> SEQUENCE: 12  
125 Asp Val Leu Asp Thr Trp Phe Ser Ser  
126 1 5  
128 <210> SEQ ID NO: 13  
129 <211> LENGTH: 8  
130 <212> TYPE: PRT

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131 <213> ORGANISM: Mycoplasma pneumoniae  
133 <400> SEQUENCE: 13  
134 Glu Arg Glu Arg Gly Ile Thr Ile  
135 1 5  
137 <210> SEQ ID NO: 14  
138 <211> LENGTH: 11  
139 <212> TYPE: PRT  
140 <213> ORGANISM: Mycoplasma pneumoniae  
142 <400> SEQUENCE: 14  
143 Glu Arg Gly Ile Thr Ile Thr Ser Ala Ala Thr  
144 1 5 10  
146 <210> SEQ ID NO: 15  
147 <211> LENGTH: 12  
148 <212> TYPE: PRT  
149 <213> ORGANISM: Mycoplasma pneumoniae  
151 <400> SEQUENCE: 15  
152 Glu Ser Arg Arg Ile Asp Asn Gln Leu Arg Gly Arg  
153 1 5 10  
155 <210> SEQ ID NO: 16  
156 <211> LENGTH: 8  
157 <212> TYPE: PRT  
158 <213> ORGANISM: Mycoplasma pneumoniae  
160 <400> SEQUENCE: 16  
161 Phe Ser Gly Gly Gln Arg Gln Arg  
162 1 5  
164 <210> SEQ ID NO: 17  
165 <211> LENGTH: 9  
166 <212> TYPE: PRT  
167 <213> ORGANISM: Mycoplasma pneumoniae  
169 <400> SEQUENCE: 17  
170 Gly Glu Pro Gly Val Gly Lys Thr Ala  
171 1 5  
173 <210> SEQ ID NO: 18  
174 <211> LENGTH: 8  
175 <212> TYPE: PRT  
176 <213> ORGANISM: Mycoplasma pneumoniae  
178 <400> SEQUENCE: 18  
179 Gly Phe Asp Tyr Leu Arg Asp Asn  
180 1 5  
182 <210> SEQ ID NO: 19  
183 <211> LENGTH: 8  
184 <212> TYPE: PRT  
185 <213> ORGANISM: Mycoplasma pneumoniae  
187 <400> SEQUENCE: 19  
188 Gly His Asn Leu Gln Glu His Ser  
189 1 5  
191 <210> SEQ ID NO: 20  
192 <211> LENGTH: 9  
193 <212> TYPE: PRT

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Input Set : A:\07064-010001.TXT  
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194 <213> ORGANISM: Mycoplasma pneumoniae  
196 <400> SEQUENCE: 20  
197 Gly Ile Asp Leu Gly Thr Thr Asn Ser  
198 1 5  
200 <210> SEQ ID NO: 21  
201 <211> LENGTH: 10  
202 <212> TYPE: PRT  
203 <213> ORGANISM: Mycoplasma pneumoniae  
205 <400> SEQUENCE: 21  
206 Gly Ile Asn Leu Leu Arg Glu Gly Leu Asp  
207 1 5 10  
209 <210> SEQ ID NO: 22  
210 <211> LENGTH: 11  
211 <212> TYPE: PRT  
212 <213> ORGANISM: Mycoplasma pneumoniae  
214 <400> SEQUENCE: 22  
215 Gly Ile Val Gly Leu Pro Asn Val Gly Lys Ser  
216 1 5 10  
218 <210> SEQ ID NO: 23  
219 <211> LENGTH: 8  
220 <212> TYPE: PRT  
221 <213> ORGANISM: Mycoplasma pneumoniae  
223 <400> SEQUENCE: 23  
224 Gly Lys Ser Ser Leu Leu Asn Ala  
225 1 5  
227 <210> SEQ ID NO: 24  
228 <211> LENGTH: 13  
229 <212> TYPE: PRT  
230 <213> ORGANISM: Mycoplasma pneumoniae  
232 <400> SEQUENCE: 24  
233 Gly Leu Thr Gly Arg Lys Ile Ile Val Asp Thr Tyr Gly  
234 1 5 10  
236 <210> SEQ ID NO: 25  
237 <211> LENGTH: 11  
238 <212> TYPE: PRT  
239 <213> ORGANISM: Mycoplasma pneumoniae  
241 <400> SEQUENCE: 25  
242 Gly Pro Pro Gly Thr Gly Lys Thr Leu Leu Ala  
243 1 5 10  
245 <210> SEQ ID NO: 26  
246 <211> LENGTH: 8  
247 <212> TYPE: PRT  
248 <213> ORGANISM: Mycoplasma pneumoniae  
250 <400> SEQUENCE: 26  
251 Gly Pro Pro Gly Val Gly Lys Thr  
252 1 5  
254 <210> SEQ ID NO: 27  
255 <211> LENGTH: 8  
256 <212> TYPE: PRT

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257 <213> ORGANISM: Mycoplasma pneumoniae  
259 <400> SEQUENCE: 27  
260 Gly Ser Gly Lys Thr Thr Leu Leu  
261 1 5  
263 <210> SEQ ID NO: 28  
264 <211> LENGTH: 8  
265 <212> TYPE: PRT  
266 <213> ORGANISM: Mycoplasma pneumoniae  
268 <400> SEQUENCE: 28  
269 Gly Thr Arg Ile Phe Gly Pro Val  
270 1 5  
272 <210> SEQ ID NO: 29  
273 <211> LENGTH: 10  
274 <212> TYPE: PRT  
275 <213> ORGANISM: Mycoplasma pneumoniae  
277 <400> SEQUENCE: 29  
278 Ile Asp Thr Pro Gly His Val Asp Phe Thr  
279 1 5 10  
281 <210> SEQ ID NO: 30  
282 <211> LENGTH: 12  
283 <212> TYPE: PRT  
284 <213> ORGANISM: Mycoplasma pneumoniae  
286 <400> SEQUENCE: 30  
287 Ile Ile Ala His Ile Asp His Gly Lys Ser Thr Leu  
288 1 5 10  
290 <210> SEQ ID NO: 31  
291 <211> LENGTH: 9  
292 <212> TYPE: PRT  
293 <213> ORGANISM: Mycoplasma pneumoniae  
295 <400> SEQUENCE: 31  
296 Ile Asn Gly Phe Gly Arg Ile Gly Arg  
297 1 5  
299 <210> SEQ ID NO: 32  
300 <211> LENGTH: 9  
301 <212> TYPE: PRT  
302 <213> ORGANISM: Mycoplasma pneumoniae  
304 <400> SEQUENCE: 32  
305 Ile Arg Glu Gly Gly Arg Thr Val Gly  
306 1 5  
308 <210> SEQ ID NO: 33  
309 <211> LENGTH: 10  
310 <212> TYPE: PRT  
311 <213> ORGANISM: Mycoplasma pneumoniae  
313 <400> SEQUENCE: 33  
314 Ile Val Gly Glu Ser Gly Ser Gly Lys Ser  
315 1 5 10  
317 <210> SEQ ID NO: 34  
318 <211> LENGTH: 10  
319 <212> TYPE: PRT

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/539,032

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TIME: 10:36:08

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